

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-017368**Date Inspected:** 19-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Wang jie**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK004B3-004-025, 026

BK004B8-007-031, 032, 033, 034, 115, 116, 117, 118

BK004B7-007-001, 002, 007, 008, 013, 014, 019, 020

BK004B7-007-129, 130, 144, 145, 160, 167, 182, 183

BK004B3-007-025, 026, 051, 052

BK004B5-007-016, 017, 036, 037, 058, 059, 060, 061

BK004B6-007-013, 014, 015, 016, 045, 046, 043, 044

BK004B4-004-014, 040, 066

FCAW welding of weld is identified as 2G-049 of SB020-090 for SB90E. The welder is identified as 062749.

ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-22321Tc-U4b-F.

FCAW welding of weld is identified as 4G-098 of BK004A6-010. The welder is identified as 058792. ZPMC QC

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is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2334-Tc-P4-F.

FCAW welding of weld is identified as 4G-098 of BK004A8-010. The welder is identified as 208633. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2333-Tc-P4-F.

FCAW welding of weld is identified as 4G-078 of BK004A8-011. The welder is identified as 208632. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2334-Tc-P4-F.

FCAW welding of weld is identified as 2F-052 of BK004A3-013. The welder is identified as 062807. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132

FCAW welding of weld is identified as 2F-067 of BK004A4-013. The welder is identified as 062761. ZPMC QC is identified as Mr. Li ming yang. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

Green tag issued (only Step 5) for the Following Bike path after NDT completed satisfactorily.

BK04A-010-004973.

BK04A-011-004974.

BK04A-003-004967.

BK04A-001-004965.

BK06A-001-004981.

BK06A-002-004982.

BK04A-005-004968.

BK05A-001-004979.

BK04A-002-004966.

BK04A-012-004975.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

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Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
